

IN THE CLAIMS:

1-11 (Canceled)

12. (Currently Amended) A paint and coating material system of Claim 40 comprising

a) at least one solid component comprising at least one organic or inorganic white, black or chromatic pigment, organic or inorganic fillers, or mixtures thereof and

b) at least one binder component,

wherein the components of the system produce an aqueous dispersion having a particle size of <60 μm (determined in accordance with ISO 1524: 1983) in water, with a specific energy input of less than 150 J/cm³, based on the sum of the volumes of the components and water, and wherein the solid component a) is in granular form having an average particle size of 20 – 5000 μm , determined from the mass distribution.

13. (Currently Amended) The paint and coating material system of Claim 40 12 wherein the average particle size is 50 – 2000 μm .

14. (Currently Amended) The paint and coating material system of Claim 40 12 wherein the average particle size is 100 – 500 μm .

15. (Currently Amended) The paint and coating material system of Claim 40 12, comprising

from 1 to 95% by weight of the solid component a)

from 0.1 to 60% by weight of the binder component b) in solid or liquid form

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and

from 4.9 to 98.9% by weight of water, based in each case on the paint and coating material system.

16. (Currently Amended) The paint and coating material system of Claim 40 12 further comprising a component c), which is a water-soluble or water-miscible organic solvent.

17. (Currently Amended) The paint and coating material system of Claim 40 12 wherein the solid component a) is obtained by wet comminution of the pigments and/or fillers in their solid form or as an aqueous or aqueous-organic suspension, optionally in the presence of an additive, and then drying them.

18. (Currently Amended) The paint and coating material system of Claim 40 12 wherein the solid component a) is obtained by spray drying.

19. (Previously Presented) The paint and coating material system of Claim 18 wherein the spray drying is performed in single-fluid or two-fluid spray dryers.

20. (Currently Amended) The paint and coating material system according to Claim 40 12 wherein the solid component a) is obtained by freeze drying.

21. (Currently Amended) A process for painting and coating materials comprising applying an effective amount of the paint and coating material system of Claim 40 12 on metal, wood, paper, coating slips, wallpaper, leather, nonwovens and textiles to provide a decorative or protective coating thereon.--

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